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GOVERNMENT-WIDE INDEX

to Federal Research & Development Reports

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INDEX TO FEDERAL RESEARCH AND DEVELOPMENT REPORTS

UNCLASSIFIED REPORTS ANNOUNCED IN

NUCLEAR SCIENCE ABSTRACTS (NSA)
Atomic Energy Commission

SCIENTIFIC & TECHNICAL AEROSPACE REPORTS (STAR)
National Aeronautics and Space Administration

TECHNICAL ABSTRACT BULLETIN (TAB)
Defense Documentation Center

U.S. GOVERNMENT
RESEARCH & DEVELOPMENT REPORTS (USGRDR)
Clearinghouse for Federal Scientific and Technical Information

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Government-Wide Index is published to satisfy a need for a single reference guide to new unclassified Government-sponsored research and development in the physical sciences, engineering, and related technology. It also serves as the index to *USGRDR*. It is compiled from records of the current announcement journals of the Atomic Energy Commission, National Aeronautics and Space Administration, Defense Documentation Center, and the Clearinghouse.

FORMAT

The indexing records related to Government research and development reports of the four journals are merged under the five indexes of subject, personal author, corporate author, contract number, accession/report number. Detailed instructions for using each index are presented under "How To Use Indexes" following the foreword.

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There are some format errors and inconsistencies in this index resulting from the machine merger of the data generated by several agencies. Efforts are being made to correct these inconsistencies. The agencies involved are working with a task group of the Committee on Scientific and Technical Information to develop improved interagency standards which will eliminate these problems.

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N—Nuclear Science Abstracts, Atomic Energy Commission.

S—Scientific and Technical Aerospace Reports, National Aeronautics and Space Administration.

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DIFFUSION IN METALS IN GENERAL AND ALUMINUM AND ITS ALLOYS IN PARTICULAR - A BIBLIOGRAPHY,
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ALUMINUM ALLOY
A STUDY OF INTENSE MAGNETIC FIELDS FOR HIGH ENERGY FORMING AND STRUCTURAL ASSEMBLY INTERIM REPORT,
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ALUMINUM ALLOYS, ANNEALING
SELECTED ARTICLES,
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ALUMINUM ALLOYS, CHEMICAL MILLING
CHEMICAL MILLING OF METALS AND ALLOYS ITS EFFECT ON STRESS CORROSION SUSCEPTIBILITY AND HYDROGEN EMBRITTLEMENT,
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ALUMINUM ALLOYS, CONTAINERS
VACUUM (OR FLUXLESS) BRAZING-GAS QUENCHING OF 6061 ALUMINUM ALLOY,
AD-649 313 13H U67 10 HC$ 3.00 MF$ 0.65

ALUMINUM ALLOYS, LIQUID METALS
ETUDE DES PROPRIETES THERMODYNAMIQUES DES ALLIAGES LIQUIDES BINAIRES ET TERNAIRES DE L ALUMINIUM AVEC LES ELEMENTS FER, COBALT, NICKEL ET L OXYGENE (STUDY OF THERMODYNAMIC PROPERTIES OF BINARY AND TERNARY LIQUID ALLOYS OF ALUMINIUM WITH THE ELEMENTS IRON, COBALT, NICKEL AND OXYGEN),
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ALUMINUM ALLOYS, REACTOR FUEL CLADDING
IRRADIATION EXPERIENCE WITH THE FIRST UO2 ALUMINUM CLAD FUEL TESTED IN HBWR,
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ALUMINUM ALLOYS, SEMICONDUCTORS
FIRST ORDER RAMAN EFFECT IN III-V COMPOUNDS,
AD-649 186 20L U67 10

ALUMINUM COMPOUNDS, THERMAL CONDUCTIVITY
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AD-649 274 20M U67 10 HC$ 3.00 MF$ 0.65

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A1 O RESONANT SPECTRUM FOR UPPER ATMOSPHERE TEMPERATURE DETERMINATION,
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ALUMINUM, PROTECTIVE TREATMENTS
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AMINES, EXCRETION
STUDY OF MAN DURING A 56-DAY EXPOSURE TO AN OXYGEN-HELIUM ATMOSPHERE AT 258MM. HG TOTAL PRESSURE. VI. EXCRETION OF STEROIDS AND CATECHOLAMINES,
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THE SELECTIVE PHOSPHYLATION OF ETHANOLAMINE.
AD-649 302 7C U67 10

AMINES, SILANES
STUDIES OF SILICON-NITROGEN COMPOUNDS. THE BASE-CATALYZED ELIMINATION OF SILANE FROM TRISILYLAMINE.
AD-649 189 7B U67 10

AMMONIA, SOLUTIONS
SPECIES AND COMPOSITION OF DILUTE ALKALI-METAL-AMMONIA SOLUTIONS.
AD-649 855 7D U67 10

AMMONIUM COMPOUNDS, COMPLEX COMPOUNDS
THE COMPLEX SALTS (CH3)4NI(NO3)4, (CH3)4NI(NO3)2 AND (CH3)4NBR(NO3)2.
AD-649 285 7B U67 10

AMMONIUM COMPOUNDS, DETONATIONS
SYMPATHETIC DETONATION OF AMMONIUM NITRATE AND AMMONIUM NITRATE-FUEL OIL.
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FURTHER STUDIES ON SYMPATHETIC DETONATION.
AD-648 832 19D U67 10 MC$ 3.00 MF$ 0.65

AMMONIUM PERCHLORATE
THE INITIATION OF IGNITION IN COMPOSITE SOLID ROCKET PROPELLANTS.
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HEAT-RELEASE KINETICS OF AMMONIUM PERCHLORATE IN PRESENCE OF CATALYSTS AND FUEL.
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CERTAIN RESULTS OF RESEARCH ON SELF-OPTIMIZING ANALOG COMPUTERS.
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ON NONPARAMETRIC SIMULTANEOUS CONFIDENCE REGIONS AND TESTS FOR THE ONE CRITERION ANALYSIS OF VARIANCE PROBLEM.
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AD-649 871 6L U67 10

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ANTENNA RESEARCH.
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A NOTE ON THE EVALUATION OF SOME CONSTANTS OF ANTENNA THEORY.
AD-648 789 9E U67 10

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AROMATIC CARBONYL SPECTRA AT HIGH PRESSURE.
AD-649 575 7D U67 10

ANTIBIOTICS, MYCOBACTERIUM TUBERCULOSIS
M. TUBERCULOSIS IN VITRO SUSCEPTIBILITY AND SERUM LEVEL EXPERIENCES WITH CAPREOMYCIN.
AD-648 783 6M U67 10

ANTIGENS + ANTIBODIES, BIOLOGICAL STAINS
IMMUNO-DIAZOTHIOETHER-OSMIUM TETROXIDE (IMMUNO-DTO) TECHNIQUE FOR STAINING EMBEDDED ANTIGEN IN ELECTRON MICROSCOPY.
AD-648 737 6A U67 10

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AD-648 814 6A U67 10

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THE EFFECT OF DRUGS IN ALTERING SUSCEPTIBILITY TO MOTION SICKNESS IN AEROBATICS AND THE SLOW ROTATION ROOM.
AD-648 876 6D U67 10 MC$ 3.00 MF$ 0.65

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M. TUBERCULOSIS IN VITRO SUSCEPTIBILITY AND SERUM LEVEL EXPERIENCES WITH CAPREOMYCIN.
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APOLLO PROJECT
ENGINEERING STUDY AND EXPERIMENT DEFINITION FOR AN APOLLO APPLICATIONS PROGRAM EXPERIMENT ON VEHICLE DISTURBANCES DUE TO CREW ACTIVITY.
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APPROACH, FLIGHT TESTING
V/STOL APPROACH SYSTEM FLIGHT TESTS.
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APPROXIMATION METHOD
THE REALIZATION OF TRANSFER FUNCTIONS WITH LOGICAL NETWORKS.
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SANTORINI TEPHRA.
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RESEARCH ON THE ENTHALPY OF NITROGEN-OXYGEN-ARGON MIXTURES.
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ANALYSE PAR ACTIVATION DE L ARGON. APPLICATION A LA DATATION PAR LA METHODE POTASSIUM-ARGON (ARGON ACTIVATION ANALYSIS. APPLICATION TO DATING BY THE POTASSIUM-ARGON METHOD).
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PROBLEMS OF EXPORT CARGO TRAFFIC MANAGEMENT.
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IONIZATION AND DISSOCIATION OF SOME AROMATIC IMIDES UNDER ELECTRON-IMPACT.
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AROMATIC COMPOUNDS, FLUORESCENCE
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AD-649 575 7D U67 10

ARSENIC COMPOUNDS, SPECTRA(INFRARED)
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PB-174 377 7D U67 10 MC$ 3.00 MF$ 0.65

ARTIFICIAL CLOUD
ARTIFICIAL STRONTIUM AND BARIUM CLOUDS IN THE UPPER ATMOSPHERE.
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FLOW IN AGGREGATE-BINDER MIXES.
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ASPHALT, DUCTILITY
A STUDY OF DUCTILITY CHARACTERISTICS OF BITUMINOUS MATERIAL.
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ASTRONOMICAL MODEL
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BIOGRAPHY OF VIKTOR AMAZASPOVICH AMBARTSUMYAN,
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ATMOSPHERE ENTRY, GAS IONIZATION
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ATMOSPHERE, GAS IONIZATION
CALCULATION OF SCATTERING AND REACTION CROSS SECTIONS,
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ATMOSPHERE, OPTICAL PROPERTIES
LATITUDINAL EFFECTS ON SATELLITE SCINTILLATIONS,
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FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE,
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OPTIMAL PROGRAMMING OF THRUST DIRECTION OF A BALLISTIC ROCKET MOVING IN THE ATMOSPHERE,
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ATMOSPHERIC WATER VAPOR TRANSPORT AND THE HYDROLOGY OF NORTH AMERICA,
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DETERMINATION OF AIR DENSITY, TEMPERATURE AND WINDS AT HIGH ALTITUDES ANNUAL SUMMARY REPORT,
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WIND SHEAR AND TURBULENCE OVER SELECTED STATIONS OF THE AIR FORCE WESTERN TEST RANGE,
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OVER-THE-HORIZON TRANSMISSION AT 136 MC/S,
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AD-649 276 7D U67 10

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ELECTRON IN BOX THEORY FOR METAL ATOM CLUSTERS,
AD-649 582 7D U67 10

ATOMIC ENERGY LEVELS, HELIUM GROUP GASES
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AD-648 983 7D U67 10

ATOMIC ENERGY LEVELS, MATHEMATICAL ANALYSIS
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A COMPUTER STUDY OF AUTOMATIC CONTROL ON THE I.L.S. GLIDE PATH,
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AUTOMATION, COMBINATORIAL ANALYSIS
REALIZATION AND COMPLEXITY OF COMMUTATIVE EVENTS,
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AUTONOMIC NERVOUS SYSTEM, CARDIOVASCULAR DISEASES
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AVIATION PERSONNEL, ATTITUDES
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AVIATION PERSONNEL, MORALE
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AVIATION SAFETY, HELICOPTERS
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AZINES, SPECTRA(VISIBLE + ULTRAVIOLET)
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AD-649 453 7C U67 10

AZINES, THERMODYNAMICS
THE VAPOR PRESSURES AND SOME THERMODYNAMIC FUNCTIONS OF B-TRIFLUORO-, B-TRICHLORO-, AND B-TRIBROMOBORAZINE,
AD-648 940 7D U67 10

BACTERIA, CYTOCHEMISTRY
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AD-648 740 6M U67 10

BACTERIA, VIABILITY
SENSITIVE RAPID DETECTION METHOD FOR VIABLE BACTERIAL CELLS,
AD-649 019 6M U67 10

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BALANCES, WIND TUNNELS
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AD-649 243 14R U67 10 HC$ 3.00 MF$ 0.65

BALLOONS, ATMOSPHERIC SOUNDING
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AD-649 008 4A U67 10 HC$ 3.00 MF$ 0.65

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BAND THEORY OF SOLIDS, BISMUTH
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AD-649 173 20L U67 10

BAND THEORY OF SOLIDS, INTERACTIONS
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BAND-PASS FILTERS, RESONATORS
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AD-648 803 6P U67 10

BARBITURATES, PERFORMANCE(HUMAN)
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AD-648 927 6O U67 10

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BARGAINING AND NEGOTIATION BEHAVIOR,
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EMISSION INTENSITY OF STRONTIUM AND BARIUM IN FLAMES OF VARIOUS GAS COMPOSITIONS,
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BARIUM, NUCLEAR RESONANCE
ETUDE DES RESONANCES DE NEUTRONS POUR LES ISOTOPES DU BARYUM ET DU CUIVRE PAR LA METHODE DE TEMPS-DE-VOL A BASSE ENERGIE (0-15 KEV) (STUDY OF NEUTRON RESONANCES OF BARIUM AND COPPER ISOTOPES BY THE LOW ENERGY TIME-OF-FLIGHT METHOD (0-15 KEV),
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COMPOSITION OF BASALTS FROM THE MID-ATLANTIC RIDGE,
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AURAL PULSE COMPRESSION BY BATS AND HUMANS,
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BATTERIES + COMPONENTS, DESIGN
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INVESTIGATION OF A HORIZONTALLY CURVED REINFORCED CONCRETE BOX BEAM,
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AD-649 138 7B U67 10

BENZENES, FLUORINATION
THE POLAR FLUORINATION OF PROPENYLBENZENE,
AD-649 286 7C U67 10

BENZOPHENONES, SPECTROSCOPY
AROMATIC CARBONYL SPECTRA AT HIGH PRESSURE,
AD-649 575 7D U67 10

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FABRICATION OF BERYLLIUM. VOLUME IV - SURFACE TREATMENTS FOR BERYLLIUM ALLOYS,
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FABRICATION OF BERYLLIUM. VOLUME V - THERMAL TREATMENTS FOR BERYLLIUM ALLOYS,
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BERYLLIUM, NUCLEAR ENERGY LEVELS
CONTRIBUTION A L ETUDE DES NIVEAUX DU 8BE OBTENUS A PARTIR DE LA REACTION 6LI (D,ALPHA)ALPHA (CONTRIBUTION TO THE STUDY OF 8BE ENERGY LEVELS OBTAINED BY THE REACTION 6LI (D,ALPHA)ALPHA,
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PHENOMENOLOGICAL ANALYSIS OF ROTATIONAL STATES IN DEFORMED EVEN-EVEN NUCLEI,
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FORMATION OF VACCINIA ANTIGEN STUDIES BY IMMUNOURANIUM AND IMMUNNO-DIAZOTHIOETHER-OSMIUM TETROXIDE TECHNIQUES.
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DETERMINATION OF THE ENERGY BAND PARAMETERS OF BISMUTH BY GIANT QUANTUM ATTENUATION OF SOUND WAVES.
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HEMOSTASIS AND COAGULATION THEORETICAL CONCEPTS.
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BLOOD PROTEINS, QUANTITATIVE ANALYSIS
NORMAL HUMAN SERUM PARAMETERS FOR SIMULATED ALTITUDE AND AEROSPACE FLIGHTS. II. ESTIMATION OF CHANGE IN ALBUMIN, GAMMA GLOBULIN, ALBUMIN/GAMMA GLOBULIN RATIO, AND A/G RATIO.
AD-649 816 6A U67 10

BLOOD PROTEINS, STRESS(PHYSIOLOGY)
NORMAL HUMAN SERUM PARAMETERS FOR SIMULATED ALTITUDE AND AEROSPACE FLIGHTS. I. ESTIMATION OF CHANGE IN SERUM PROTEIN CONCENTRATION.
AD-648 924 6S U67 10

BLOOD PROTEINS, TRANSPORT PROPERTIES
CONTRIBUTION A L ETUDE PHARMACOLOGIQUE DU TRANSPORT DES COLLOIDES D OR RADIOACTIF PAR LE SANG ET LES EXSUDATS SEREUX (PHARMACOLOGICAL STUDY OF RADIO-ACTIVE-GOLD COLLOID TRANSPORT BY BLOOD AND BY SEROUS EXUDATE).
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THEORETICAL CONSIDERATIONS OF THE ELASTICITY OF RED CELLS AND SMALL BLOOD VESSELS.
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EFFECTS OF 9-ALPHAFLUOROHYDROCORTISONE AND VENOUS OCCLUSIVE CUFFS ON ORTHOSTATIC DECONDITIONING OF PROLONGED BED REST.
AD-648 775 6S U67 10

BLOOD, INVENTORY CONTROL
AN INSTANT BLOOD BANK INVENTORY.
AD-649 631 6E U67 10

BLOOD, TRACER STUDIES
CONTRIBUTION A L ETUDE PHARMACOLOGIQUE DU TRANSPORT DES COLLOIDES D OR RADIOACTIF PAR LE SANG ET LES EXSUDATS SEREUX (PHARMACOLOGICAL STUDY OF RADIO-ACTIVE-GOLD COLLOID TRANSPORT BY BLOOD AND BY SEROUS EXUDATE).
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THE FLOW ABOUT A FAMILY OF SIMPLE, BLUNT AND SHARP LEADING-EDGED, TWO-DIMENSIONAL AEROFOILS AT TRANSONIC AND LOW SUPERSONIC SPEEDS.
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COLD WELDING OF COPPER UNDER ULTRAHIGH VACUUM.
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THE VAPOR PRESSURES AND SOME THERMODYNAMIC FUNCTIONS OF B-TRIFLUORO-, B-TRICHLORO-, AND B-TRIBROMOBORAZINE.
AD-648 948 7D U67 10

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THE OSO 1 SOLAR NEUTRON EXPERIMENT.
N67-19862 20H S05 09 HC$ 3.00 MF$ 0.65

BORON, CRYSTAL STRUCTURE
THE BETA-RHOMBOHEDRAL BORON STRUCTURE.
AD-649 238 20B U67 10

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CONSISTENCY PROBLEMS IN AN EXTENDED SCHWINGER- THIRRING-WESS MODEL.
N67-20290 20H S05 09 HC$ 3.00 MF$ 0.65

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PHOTOPRODUCTION OF BOSONS.
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BOUNDARY-LAYER MEASUREMENTS IN ACCELERATED FLOWS NEAR MACH 1.
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BOUNDARY LAYERS IN COMPRESSIBLE FLOWS WITH ARBITRARY INITIAL PROFILES AND ASSIGNED WALL SHEAR,
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BOUNDARY LAYER PROFILE MEASUREMENTS IN HYPERSONIC NOZZLES,
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BOUNDARY CONDITIONS FOR FERROMAGNETIC MEDIA,
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BOVINES, MICROORGANISMS
FINAL TECHNICAL REPORT,
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ELECTROCLINICAL EFFECTS OF SELECTIVE PHARMACOLOGICAL INACTIVATION OF THE BRAIN STEM, AN EXPERIMENTAL STUDY,
AD-648 803 6P U67 10

BRAZING, ALUMINUM ALLOYS
VACUUM (OR FLUXLESS) BRAZING-GAS QUENCHING OF 6061 ALUMINUM ALLOY,
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BRIDGES, PIERS
MECHANICS OF LOCAL SCOUR,
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THE VAPOR PRESSURES AND SOME THERMODYNAMIC FUNCTIONS OF B-TRIFLUORO-, B-TRICHLORO-, AND B-TRIBROMOBORAZINE,
AD-648 940 7D U67 10

BUBBLE CHAMBERS, OPERATION
CHAMBRE A HYDROGENE A HAUT TAUX DE REPETITION - ETUDES PRELIMINAIRES (HIGH REPETITION RATE HYDROGEN CHAMBER PRELIMINARY STUDIES),
PB-174 368 18D U67 10 HC$ 3.00 MF$ 0.65

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SLIP RATIOS AND FRICTION FACTORS IN THE BUBBLE FLOW REGIME IN VERTICAL TUBES,
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PERTURBATION METHOD OF ANALYSIS APPLIED TO SUBSTITUTION MEASUREMENTS OF BUCKLING,
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BUCKLING(MECHANICS), DIFFERENTIAL EQUATIONS
ON A PERTURBATION PROBLEM IN STRUCTURAL DYNAMICS,
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HELICOPTER-CAMERAMAN AND BUILDER,
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JETS AND PLUMES WITH NEGATIVE OR REVERSING BUOYANCY,
AD-649 189 20D U67 10

BUTADIENES, COPOLYMERIZATION
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PERTURBATION OF SINGLET-TRIPLET TRANSITION ENERGIES,
AD-648 936 7D U67 10

CADMIUM SULFIDE
PHOTOCONDUCTOR CONFIGURATION STUDY FINAL REPORT,
N67-19919 17H S03 09 HC$ 3.00 MF$ 0.65

CADMIUM, ADSORPTION
INSTRUMENT FOR FUNCTIONAL READOUT OF CHRONOCOULOMETRIC DATA, APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM,
AD-649 155 7D U67 10

CALCIUM COMPOUNDS, TUNGSTATES
CRYSTAL-FIELD TERM SYMBOLS FOR ND(3+) IN CAWO4,
AD-649 199 20H U67 10

OPTICAL ABSORPTION SPECTRUM AND OPTICAL ZEEMAN EFFECT IN TRIPLY IONIZED YTTERBIUM-DOPED CALCIUM TUNGSTATE,
AD-649 329 20L U67 10 HC$ 3.00 MF$ 0.65

CALCIUM, SALIVA
THE EFFECT OF FLOW RATE ON PAROTID FLUID CALCIUM AND PROTEIN LEVELS,
AD-648 926 6E U67 10

CALCIUM, SOLAR SPECTRUM
CA I LINES IN AUTO-IONIZATION IN THE SOLAR SPECTRUM,
AD-649 590 3A U67 10

CALCULUS OF VARIATIONS, PARTIAL DIFFERENTIAL EQUATIONS
COMPLEMENTARY VARIATIONAL PRINCIPLES IN NEUTRON DIFFUSION THEORY,
AD-649 879 12A U67 10 HC$ 3.00 MF$ 0.65

CALIBRATION, MEASURING DEVICES(ELECTRICAL + ELECTRONIC)
INVESTIGATION OF CALIBRATION STANDARDS AND PROCEDURES FOR RF FIELD INTENSITY MEASURING EQUIPMENTS,
AD-649 374 14B U67 10 HC$ 3.00 MF$ 0.65

CALIBRATION, OSCILLOSCOPES
OSCILLOSCOPES, AN/USM-24, AN/USM-24A, AN/USM-24B, AN/USM-24C, AN/USM-24D,
PB-174 397 14B U67 10 HC$ 3.00 MF$ 0.65

CALIBRATION, PREAMPLIFIERS
HIGH + GAIN PREAMPLIFIER MX-2996/USM-117,
PB-174 345 9E U67 10 HC$ 3.00 MF$ 0.65

CALIBRATION, TEST SETS
AN/URM-124 RADIO TEST SET, TS-1313 TEST SET, PP-2413 POWER SUPPLY, PP-2414 POWER SUPPLY, MX-2848 TEST ADAPTER AND ACCESSORIES,
PB-174 408 14B U67 10 HC$ 3.00 MF$ 0.65

CALORIMETER
A NUMERICAL METHOD FOR DETERMINING HEATING RATES FROM THICK-CALORIMETER DATA,
N67-19885 20M S05 09 HC$ 3.00 MF$ 0.65

CALORIMETRY, SALTS
THERMOCHEMISTRY OF CHARGE-UNSYMMETRICAL BINARY FUSED HALIDE SYSTEMS. II. MIXTURES OF MAGNESIUM CHLORIDE WITH THE ALKALI CHLORIDES AND WITH SILVER CHLORIDE,
AD-649 301 7D U67 10

CANCER, CHEMOTHERAPY
PALLIATIVE TREATMENT OF NONRESECTABLE LUNG CANCER BY UPPER HEMIBODY PERFUSION OF CHLORIMINE (SHORT-ACTING ALKYLATING AGENT),
AD-649 830 6E U67 10

CANCER, DIAGNOSIS
APPLICATION OF THE MEMBRANE-FILTER TECHNIQUE TO ESOPHAGEAL AND GASTRIC CYTOLOGY,
AD-649 829 6F U67 10

CANCER, STOMACH
PRIMARY MALIGNANT LYMPHOMA OF THE STOMACH. A DIAGNOSTIC ENIGMA,
AD-649 828 6E U67 10

CARBON DIOXIDE
FREQUENCY STABILIZED GAS LASER FINAL SUMMARY ENGINEERING REPORT, 17 JUN. 1966 - 17 FEB. 1967,
N67-20379 20E S05 09 HC$ 3.00 MF$ 0.65

CARBON DIOXIDE, SEA WATER
TOTAL CARBON DIOXIDE IN SEA WATER,
AD-648 838 8J U67 10

EFFECT OF CARBON DIOXIDE ON THE ELECTRICAL CONDUCTANCE OF SEA-WATER,
AD-649 419 8J U67 10

CARBON FIBERS, COMPOSITE MATERIALS
DEVELOPMENT OF FILAMENT-REINFORCED METALS,
AD-649 909 11D U67 10 HC$ 3.00 MF$ 0.65

CARBON MONOXIDE
CHEMICAL ORIGIN OF THE VENUSIAN CLOUDS INTERIM REPORT, 1 OCT. 1966 - 30 JAN. 1967,
N67-19984 3B S05 09 HC$ 3.00 MF$ 0.65

CARBON MONOXIDE, GAS CHROMATOGRAPHY
GAS CHROMATOGRAPHIC ESTIMATION OF CARBON MONOXIDE PRODUCED DURING OXYGEN ABSORPTION BY ALKALINE PYROGALLOL,
AD-649 327 7C U67 10 HC$ 3.00 MF$ 0.65

CARBON MONOXIDE, SPECTRA(INFRARED)
FIRST- AND SECOND-OVERTONE INTENSITY MEASUREMENTS FOR CO AND NO,
AD-649 397 7D U67 10

CARBON TETRACHLORIDE, MOLECULAR ASSOCIATION
SIGNIFICANT STRUCTURE THEORY OF BINARY LIQUID MIXTURES CARBON TETRACHLORIDE AND CYCLOHEXANE,
AD-649 843 7D U67 10

CARBON TETRACHLORIDE, POISONING
HAZARDS OF CARBON TETRACHLORIDE FIRE EXTINGUISHERS RECOMMENDED PRACTICES NUMBER 3,
AD-649 465 13L U67 10 HC$ 3.00 MF$ 0.65

CARBONATES, DEPOSITS
CARBONATE DEPOSITS AND PALEOCLIMATIC IMPLICATIONS IN THE NORTHEAST PACIFIC OCEAN,
AD-648 852 8B U67 10

CARBONATES, PACIFIC OCEAN
THE CARBONATE CONTENT OF SURFACE SEDIMENTS FROM THE NORTHEAST PACIFIC OCEAN,

AD-648 842 8J U67 10

CARBON, CHEMICAL ANALYSIS
LE DOSAGE RAPIDE DU CARBONE TOTAL DANS LES ALLIAGES URANIUM-CARBONE (THE RAPID DETERMINATION OF CARBON IN THE URANIUM-CARBON ALLOYS),
PB-174 371 11F U67 10 HC$ 3.00 MF$ 0.65

CARBON, NUCLEAR REACTIONS
NEUTRINO ABSORPTION IN DEUTERIUM AND CARBON-12,
AD-648 835 20H U67 10 HC$ 3.00 MF$ 0.65

CARDIOVASCULAR DISEASES, AUTONOMIC AGENTS
INFLUENCE OF STELLATE GANGLION BLOCK ON ANGINA PECTORIS AND THE POST-EXERCISE ELECTROCARDIOGRAM,
AD-649 056 6E U67 10

CARDIOVASCULAR DISEASES, DIAGNOSIS
PERSISTENT CARDIAC OSTIUM PRIMUM - A DIAGNOSTIC DILEMMA IN THE AGED,
AD-649 057 6E U67 10

CARGO SHIPS, MANPOWER STUDIES
SHIPBOARD SYSTEMS COSTS - A FUNCTIONAL ANALYSIS OF WORK ABOARD SHIP - THE SS PRESIDENT ARTHUR, A DRY CARGO SHIP IN THE TRANS-PACIFIC SERVICE,
AD-649 372 13J U67 10 HC$ 3.00 MF$ 0.65

SHIPBOARD SYSTEMS COSTS, A FUNCTIONAL ANALYSIS OF WORK ABOARD SHIP - THE SS BAYOU STATE, A DRY CARGO SHIP IN THE GULF COAST - FAR EAST SERVICE.
AD-649 387 13J U67 10 HC$ 3.00 MF$ 0.65

CARGO, MECHANICAL FASTENERS
UNIVERSAL PLATFORM AND CARGO RESTRAINT DEVICE.
AD-648 986 15E U67 10 HC$ 3.00 MF$ 0.65

CARIBBEAN SEA, SEA WATER
WATER CHARACTERISTICS OF THE CARIBBEAN SEA,
AD-649 431 8J U67 10

CASCADE FLOW
PROCEDURE FOR THE DETERMINATION OF CASCADE CHARACTERISTICS,
N67-20305 20D S05 09 HC$ 3.00 MF$ 0.65

CASTINGS, GUN COMPONENTS
INVESTMENT CAST COMPONENTS FOR SPIN,
AD-649 389 19F U67 10 HC$ 3.00 MF$ 0.65

CASTING, INDUSTRIAL PRODUCTION
CASTING INDUSTRY, 1959, NO. 5 - SELECTED ARTICLES,
AD-649 478 13M U67 10 HC$ 3.00 MF$ 0.65

CATALYSTS, PLATINUM
ELECTROCHEMICAL OXIDATION OF SATURATED HYDROCARBONS, APPENDIX - SIZE DETERMINATION AND STRUCTURAL STUDY ON UNSUPPORTED PLATINUM CATALYSTS,
AD-648 728 10B U67 10 HC$ 3.00 MF$ 0.65

CATALYTIC ACTIVITY
DEVELOPMENT OF HYDROGEN-OXYGEN CATALYSTS FINAL REPORT, AUG, 1965 - JUL, 1966,
N67-19876 21B S05 09 HC$ 3.00 MF$ 0.65

CATHODES(ELECTROLYTIC CELL), ELECTROCHEMISTRY
HIGH ENERGY SYSTEM (ORGANIC ELECTROLYTE),
AD-648 928 10C U67 10 HC$ 3.00 MF$ 0.65

CATHODES(ELECTROLYTIC CELL), PRIMARY CELLS
INVESTIGATIONS LEADING TO THE DESIGN AND DEVELOPMENT OF MAGNESIUM/MAGNESIUM PERCHLORATE BATTERIES,
AD-649 572 10C U67 10 HC$ 3.00 MF$ 0.65

CAUCHY PROBLEM, PARTIAL DIFFERENTIAL EQUATIONS
THE CAUCHY PROBLEM FOR THE COUPLED MAXWELL AND DIRAC EQUATIONS,
AD-649 184 12A U67 10

CAVITATION, EROSION
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AD-649 048 20D U67 10 HC$ 3.00 MF$ 0.65

CAVITY RESONATORS, MICROWAVE FREQUENCY
PERTURBATION OF MICROWAVE CAVITIES BY LOSSY DIELECTRICS AND PLASMAS,
AD-649 568 9A U67 10 HC$ 3.00 MF$ 0.65

CELESTIAL NAVIGATION, SATELLITES(ARTIFICIAL)
SATELLITE CELESTIAL NAVIGATION,
AD-648 714 17B U67 10 HC$ 3.00 MF$ 0.65

CELESTIAL OBSERVATION
ANALYSIS OF SOUNDING ROCKET DATA REGARDING CELESTIAL X-RAY SOURCES FINAL REPORT,
N67-19650 3B S05 09 HC$ 3.00 MF$ 0.65

CELLS(BIOLOGY), MEMBRANES(BIOLOGY)
CELL MEMBRANE AND CELL PERMEABILITY,
AD-649 165 6C U67 10

CENTRAL NERVOUS SYSTEM, GLUTAMINE
UPTAKE OF C14 INTO THE BRAIN AND OTHER TISSUES OF NORMAL AND DYSTHYROIDAL MALE RATS AFTER INJECTION OF C14-L-GLUTAMINE,
AD-648 844 6P U67 10

CENTRIFUGAL PUMPS, IMPELLERS
DEVELOPMENT OF A QUIET VANELESS IMPELLER CENTRIFUGAL PUMP,
AD-649 977 13K U67 10 HC$ 3.00 MF$ 0.65

CEPHALOPODA, MORPHOLOGY(BIOLOGY)
A NEW SPECIES OF GONATID SQUID FROM THE NORTHEASTERN PACIFIC,
AD-648 784 6C U67 10

CERAMIC MATERIALS, DUCTILITY
MECHANICAL CHARACTERISTICS OF POLYCRYSTALLINE NIO,
AD-423 663 11B U67 10 HC$ 3.00

CERAMIC MATERIALS, ELECTRICAL CONDUCTANCE
THE ELECTRICAL CONDUCTIVITY OF CERAMICS - ITS MEASUREMENT AND INTERPRETATION,
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CERAMIC MATERIALS, MACHINES
CERAMICS IN MACHINE BUILDING,
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CERMETS, SOLDERED JOINTS
A METHOD OF OBTAINING VACUUM-TIGHT CERMET JOINTS,
AD-649 412 13H U67 10 HC$ 3.00 MF$ 0.65

CESIUM, DISTRIBUTION
STRONTIUM-90 AND CAESIUM-137 IN COLUMBIA RIVER PLUME, JULY 1964,
AD-648 839 8C U67 10

CESIUM, IONIZATION
TWO-QUANTUM PHOTOIONIZATION OF CS AND I(-),
AD-649 077 7D U67 10

CETACEA, LEARNING
DEUTERO-LEARNING IN A ROUGH-TOOTH PORPOISE (STENO BREDANENSIS),
AD-648 829 6C U67 10 HC$ 3.00 MF$ 0.65

CHAPMAN-JOUGET FLAME
PROPERTIES OF CHAPMAN- JOUGUET DETONATIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN,
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CHARGED PARTICLE TEMPERATURES AND ELECTRON THERMAL CONDUCTIVITY IN THE UPPER ATMOSPHERE,
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AN INVESTIGATION OF PARTICLE PENETRATION INTO THE MAGNETOSPHERE,
N67-20011 8N S05 09 HC$ 3.00 MF$ 0.65

CHARGED PARTICLE TRACKS IN POLYMERS - NO. 3 - RANGE AND ENERGY LOSS TABLES,
N67-20193 20H S05 09 HC$ 3.00 MF$ 0.65

CHARGED PARTICLES, BIBLIOGRAPHIES
COMPUTER EXPERIMENTS WITH CHARGED PARTICLES, CHARGED FLUIDS AND PLASMAS - A CLASSIFICATION AND BIBLIOGRAPHY,
PB-174 351 20I U67 10 HC$ 3.00 MF$ 0.65

CHARGED PARTICLES, CYCLOTRONS
INVESTIGATIONS IN AUTOMATED ACTIVATION ANALYSIS,
TEES-2671-5 20H N21 67 HC$ 3.00 MF$ 0.65

CHARGED PARTICLES, STEEL
THE EFFECT OF CHARGED-PARTICLE SLOWING DOWN ON THE NUCLEAR CASCADE IN STEEL INITIATED BY 19.2-GEV/C PROTONS,
ORNL-3854 20H N21 67 HC$ 3.00 MF$ 0.65

CHARGED PARTICLES, VAN ALLEN RADIATION BELT
EXPLORER 12 OBSERVATIONS OF CHARGED PARTICLES IN THE INNER RADIATION ZONE,
AD-649 488 4A U67 10

CHELATE COMPOUNDS, CHEMICAL PROPERTIES
CHELATE ADDUCTS CONTAINING A BIDENTATE ELECTRON-PAIR ACCEPTOR, 1,2-BIS(DIFLUOROBORYL)ETHANE,
AD-649 561 7C U67 10

CHELATE COMPOUNDS, SULFATES
MNSO4 ASSOCIATION AND SULPHATE CHELATION - A SOLVENT NMR STUDY,
AD-648 910 7B U67 10

CHEMICAL ANALYSIS, BASALT
COMPOSITION OF BASALTS FROM THE MID-ATLANTIC RIDGE,
AD-649 065 8G U67 10

CHEMICAL ANALYSIS, INSTRUMENTATION
INSTRUMENT FOR FUNCTIONAL READOUT OF CHRONOCOULOMETRIC DATA. APPLICATION TO CADMIUM ADSORPTION FROM IODIDE MEDIUM,
AD-649 155 7D U67 10

CHEMICAL ANALYSIS, PLUTONIUM COMPOUNDS
L ANALYSE SPECTROCHIMIQUE DES IMPURETES DANS LE PLUTONIUM ET SES COMPOSES (SPECTROCHEMICAL ANALYSIS OF IMPURITIES IN PLUTONIUM AND ITS COMPOUNDS),
PB-174 388 7D U67 10 HC$ 3.00 MF$ 0.65

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CLAY MINERALOGY AND CHEMISTRY OF SELECTED CROSS COUNTY, ARKANSAS SOILS AND EFFECTS ON THEIR ENGINEERING PROPERTIES,
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TORSIONAL FREQUENCIES IN THE FAR INFRARED. IV. TORSIONS AROUND THE C--C SINGLE BOND IN CONJUGATED MOLECULES,
AD-648 786 7C U67 10

CHEMICAL KINETICS
ON THE INFLUENCE OF CHEMICAL KINETICS ON THE COMBUSTION OF FUEL DROPLETS,
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CHEMICAL MILLING OF METALS AND ALLOYS ITS EFFECT ON STRESS CORROSION SUSCEPTIBILITY AND HYDROGEN EMBRITTLEMENT.
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THE STRUCTURE AND PROPERTIES OF DIETHYLFLUOROALANE, (C2H5)2ALF.
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THE PHYSICAL AND PHYSICOCHEMICAL PROPERTIES OF KRYPTON - A BIBLIOGRAPHY.
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OXIDATION AND CHEMILUMINESCENCE OF TETRAKIS (DIMETHYLAMINO)ETHYLENE. II. KINETICS AND MECHANISM OF THE 1-OCTANOL-CATALYZED AUTOXIDATION.
AD-648 821 7C U67 10

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FURTHER APPLICATIONS OF THE CHEMILUMINESCENT METHOD FOR THE MEASUREMENT OF ATMOSPHERIC OZONE.
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STUDY OF MICROBIOLOGIC FLORA OF THE REPRODUCTIVE TRACT OF THE CHIMPANZEE.
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PROTECTIVE STRUCTURES AND COMPONENTS.
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CHLAMYDIA, ENZYMES
TRANSAMINASE ACTIVITY AND OTHER ENZYMATIC REACTIONS INVOLVING PYRUVATE AND GLUTAMATE IN CHLAMYDIA (PSITTACOSIS-TRACHOMA GROUP).
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THERMODYNAMIC STUDY ON URANIUM TRICHLORIDE DISSOLVED IN MOLTEN ALKALINE CHLORIDES.
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AD-649 391 7D U67 10

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THE VAPOR PRESSURES AND SOME THERMODYNAMIC FUNCTIONS OF B-TRIFLUORO-, B-TRICHLORO-, AND B-TRIBROMOBORAZINE.
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CHLOROPHYLLS, OXIDATION-REDUCTION REACTIONS
LIGHT-INDUCED ELECTRON TRANSFER BETWEEN CHLOROPHYLL AND HYDROQUINONE AND THE EFFECT OF OXYGEN AND BETA-CAROTENE.
AD-648 722 6A U67 10

CHROMATES, DECOMPOSITION
A RADIOCHEMICAL INVESTIGATION OF THE LEACHING OF CHROMIUM FROM CHEMICALLY CHROMATED ALUMINUM SURFACES. PART II.
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EFFECT OF COLD WORK ON THE OXIDATION OF FE-CR ALLOYS IN WATER VAPOUR AT 600 DEGREES C.
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THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECHROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE DIBENZENECHROMIUM STRUCTURE.
AD-649 138 7B U67 10

STRUCTURE OF THIOPHENECHROMIUM TRICARBONYL, C4H4SCR(CO)3.
AD-649 141 7B U67 10

CHROMIUM, SOLVENT EXTRACTION
A RADIOCHEMICAL INVESTIGATION OF THE LEACHING OF CHROMIUM FROM CHEMICALLY CHROMATED ALUMINUM SURFACES, PART II.
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DISSOCIATION AND ASSOCIATION OF PHYCOCYANIN.
AD-649 180 6A U67 10

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ON THE HEIGHT OF FORMATION OF H-ALPHA IN THE SOLAR CHROMOSPHERE.
AD-648 898 3B U67 10

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A SPIN-LABELED SUBSTRATE FOR ALPHA-CHYMOTRYPSIN.
AD-649 549 6A U67 10

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LOW POWER LINEAR CIRCUITS.
AD-649 203 9E U67 10

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EFFECT OF SPACE RADIATION ENVIRONMENT ON MICRO-POWER CIRCUITS USING BIPOLAR, JUNCTION-GATE AND INSULATED-GATE FIELD EFFECT TRANSISTORS.
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THIN-FILM CIRCUIT FABRICATION PROGRAM.
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ON NONLINEAR BINARY SEQUENTIAL CIRCUITS AND THEIR INVERSE.
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ON THE DYNAMIC STABILITY OF ECCENTRICALLY REINFORCED CIRCULAR CYLINDRICAL SHELLS TECHNICAL REPORT, SEP. 1, 1965 - JAN. 31, 1967.
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AMERICAN VIEWS ON CIVIL DEFENSE IN THE COLD WAR CONTEXT 1966.
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CLAY MINERALS, CIVIL ENGINEERING
CLAY MINERALOGY AND CHEMISTRY OF SELECTED CROSS COUNTY, ARKANSAS SOILS AND EFFECTS ON THEIR ENGINEERING PROPERTIES.
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SURFACE CLEANING TECHNIQUES IN ULTRAHIGH VACUUM.
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OPTIMIZING THE RADAR DETECTION OF CLEAR AIR TURBULENCE,
AD-648 723 4A U67 10

CLOCKS, LOW-INTENSITY ILLUMINATION
A BLACK-FIELD ILLUMINATED SHIPBOARD CLOCK,
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THE RELATIONSHIP BETWEEN MARITIME PRECIPITATION RADAR ECHOES AND CLOUD COVER VIEWED BY SATELLITES IN POLAR ORBITS, VOLUME I,
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CLOUD COVER, STEREOSCOPIC PHOTOGRAPHY
NOTE ON THE STEREO INTERPRETATION OF NIMBUS II APT PHOTOGRAPHY,
AD-649 392 3B U67 10

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PROTECTIVE COATINGS FOR MAGNESIUM ALLOYS, PART 3, COORDINATION CHEMISTRY OF THE MAGNESIUM ION,
AD-649 323 11C U67 10 HC$ 3.00 MF$ 0.65

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A CRYSTAL FIELD ANALYSIS OF COBALT IMPURITIES IN GA P,
N67-19925 20L S05 09 HC$ 3.00 MF$ 0.65

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DIE TAU-PHASE IM DRFISTOFFSYSTEM KOBALT-TITAN-BOR (THE TAU-PHASE IN THE TERNARY SYSTEM COBALT-TITANIUM-BORON),
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A SEARCH TECHNIQUE FOR QUASI-PERFECT CODES,
AD-649 599 9D U67 10

COHERENT RADIATION, QUANTUM MECHANICS
CHARACTERIZING COHERENT STATES OF THE RADIATION FIELD,
AD-649 145 20J U67 10

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COLLISIONLESS PLASMA
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DETERMINATION OF THE TRANSMISSION CHARACTERISTICS OF AUTOANALYZER COLORIMETER FILTERS,
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REALIZATION AND COMPLEXITY OF COMMUTATIVE EVENTS,
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THE MOMENTS AND CUMULANTS OF THE NUMBER OF CYCLES IN A RANDOM PERMUTATION,
AD-649 090 12A U67 10 HC$ 3.00 MF$ 0.65

COMBUSTION PRODUCT
PROPERTIES OF CHAPMAN- JOUGUET DETONATIONS IN STOICHIOMETRIC HYDROGEN-OXYGEN MIXTURES DILUTED WITH HELIUM AND HYDROGEN,
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COMBUSTION TEMPERATURE
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BURNERS FOR SUPERSONIC RAMJETS - SOME OBSERVATIONS ON INSTABILITY IN A TWO-INCH RAMJET BURNER,
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REACTIONS OF ATOMIC OXYGEN WITH ACETYLENE. I. KINETICS AND MECHANISMS,
AD-649 075 21B U67 10

COMMAND + CONTROL SYSTEMS, INFORMATION RETRIEVAL
DEVELOPMENT AND EVALUATION OF SELF-INSTRUCTIONAL TEXTS AND AN OPERATIONAL SPECIFICATION FOR COMPUTER DIRECTED TRAINING IN INTERMEDIATE QUERY LANGUAGE, MODEL 11, FOR SYSTEM 473L, UNITED STATES AIR FORCE HEADQUARTERS,
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JAPAN,
PB-174 389 5C U67 10 HC$ 3.00 MF$ 0.65

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PB-174 309 5C U67 10 HC$ 3.00 MF$ 0.65

COMMUNICATION EQUIPMENT, CHINA
CHINESE COMMUNIST COMMUNICATION NETWORKS,
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AD-649 440 5C U67 10 HC$ 3.00 MF$ 0.65

COMPILERS, COMPUTER PROGRAMS
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COMPILERS, LANGUAGE
VITAL COMPILER SYSTEM REFERENCE MANUAL,
AD-649 140 9B U67 10 HC$ 3.00 MF$ 0.65

COMPLEMENT, PEPTIDE HYDROLASES
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AD-649 373 6A U67 10

COMPLEX COMPOUNDS, CRYSTAL STRUCTURE
PREPARATION AND STRUCTURE OF A TETRAMERIC CYCLOPENTADIENYLIRON SULFIDE, (C5H5FES)4,
AD-648 892 7B U67 10

THREE-DIMENSIONAL CRYSTAL STRUCTURE OF BENZENECHROMIUM TRICARBONYL WITH FURTHER COMMENTS ON THE DIBENZENECHROMIUM STRUCTURE,
AD-649 138 7B U67 10

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AD-649 141 7B U67 10

CRYSTAL STRUCTURE OF A 1 1 1 MIXTURE OF TWO IRON CARBONYL SULFUR COMPLEXES, S2FE3(CO)9 AND S2FE2(CO)6,
AD-649 142 7B U67 10

COMPLEX COMPOUNDS, MAGNESIUM COMPOUNDS
PROTECTIVE COATINGS FOR MAGNESIUM ALLOYS, PART 3, COORDINATION CHEMISTRY OF THE MAGNESIUM ION,
AD-649 323 11C U67 10 HC$ 3.00 MF$ 0.65

COMPLEX COMPOUNDS, MOLECULAR STRUCTURE
MOLECULAR STRUCTURES OF ((C6H5)2PCOC5H5)2 AND ((C6H5)2PNICSH5)2, AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANO-METALLIC LIGAND-BRIDGED COMPLEX,
AD-648 894 7B U67 10

STRUCTURAL EFFECTS ON THE COMPLEXING ABILITY OF ALKYL DIPHENYLPHOSPHINATES WITH MAGNESIUM IODIDE,
AD-649 156 7B U67 10

COMPLEX COMPOUNDS, REACTION KINETICS
MULTIDENTATE LIGAND KINETICS. X. EXCHANGE REACTIONS OF METAL(II)-CYCLOHEXYLENEDIAMINE TETRAACETATE COMPLEXES,
AD-649 163 7B U67 10

COMPLEX COMPOUNDS, SALTS
THE COMPLEX SALTS (CH3)4NI(NO3)4, (CH3)4NI(NO3)2 AND (CH3)4NBR(NO3)2,
AD-649 285 7B U67 10

COMPLEX COMPOUNDS, STEREOCHEMISTRY
A NEW TYPE OF CYCLIC TRANSITION METAL COMPLEX, (NI(SC2H5)2)6,
AD-649 136 7B U67 10

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AD-648 902 7D U67 10

CYCLOALKENES, SYNTHESIS(CHEMISTRY)
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CYCLOHEXANES, MOLECULAR ASSOCIATION
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CYCLOTRON RESONANCE PHENOMENA, SEMICONDUCTORS
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CYLINDRICAL SHELL
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CYLINDRICAL TANK
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CYTOCHEMISTRY, REPRODUCTIVE SYSTEM
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FREQUENCY STABILIZED GAS LASER FINAL SUMMARY ENGINEERING REPORT, 17 JUN, 1966 - 17 FEB, 1967,
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TURBINE BLADE,
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POWER PLANT STUDY FOR SHAFT-DRIVEN HEAVY-LIFT ROTARY-WING AIRCRAFT,
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GAS TURBINE PROGRESS MEETING, PROCEEDINGS, 6-7 APRIL 1959,
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GASES, ACOUSTIC PROPERTIES
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GAS-COOLED REACTORS, REACTOR OPERATION
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INITIAL CONDITIONS, PHYSICAL LAWS, AND THE ORIGIN OF LIFE,
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ASTROGEOLOGIC STUDIES, PART C - COSMIC CHEMISTRY AND PETROLOGY ANNUAL PROGRESS REPORT, 1 JUL, 1965 - 1 JUL, 1966,
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AD-649 271 8F U67 10

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HEAT TREATMENT, MAGNESIUM ALLOYS
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HELICOPTERS, DESIGN
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HELICOPTERS, OPERATION
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HELIUM GROUP GASES, DEUTERATED COMPOUNDS
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HELIUM, COMPRESSIVE PROPERTIES
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HELIUM, RECOMBINATION REACTIONS
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HELIUM, THERMODYNAMICS
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HEMOGLOBIN, METABOLISM
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HEMOGLOBIN, PARAMAGNETIC RESONANCE
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HEMOGLOBIN, POLYMERIZATION
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HIBERNATION, GLYCOLYSIS
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HIGH ALTITUDE
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N67-19569 4B S05 09 HC$ 3.00 MF$ 0.65

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HIGH STRENGTH ALLOY
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N67-19961 11F S05 09 HC$ 3.00 MF$ 0.65

EVALUATION OF HIGH STRENGTH COLUMBIUM ALLOYS FOR ALKALI METAL CONTAINMENT FINAL REPORT, 25 JUL. 1962 - 15 DEC. 1964,
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HIGH TEMPERATURE RESEARCH
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HONEYCOMB CORES, SANDWICH CONSTRUCTION
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AD-649 422 13M U67 10 HC$ 3.00 MF$ 0.65

HOUSING, CONSTRUCTION
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HOUSING, TROPICAL CYCLONES
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PB-174 346 13C U67 10 HC$ 3.00 MF$ 0.65

HUMAN ENGINEERING
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HUMAN ENGINEERING, BIBLIOGRAPHIES
HUMAN ENGINEERING BIBLIOGRAPHIC SERIES. VOLUME 2. 1960-1964 LITERATURE,
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SMALL ARMS USE IN VIET NAM M14 RIFLE AND .45-CALIBER PISTOL,
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HYDRAZINE, TOXICITY
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AD-648 776 6T U67 10

HYDROCARBONS, OXIDATION
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AD-649 143 7C U67 10

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HYDRODYNAMICS, SHIP MODELS
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HYDROFOIL BOATS, MOTION
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HYDROFOIL SIMULATION EQUATIONS STUDY MATHEMATICAL MODEL REPORT VOLUME I, FOILBORNE EQUATIONS OF MOTION,
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CHEMICAL REACTIVITY OF HYDROGEN, NITROGEN AND OXYGEN ATOMS AT TEMPERATURES BELOW 100 DEG K SEMIANNUAL REPORT, 1 JUL, - 31 DEC, 1966,
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AD-649 396 7D U67 10

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AD-649 188 20D U67 10 HC$ 3.00 MF$ 0.65

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AD-648 781 6A U67 10

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AD-649 142 7B U67 10

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METALLURGY DIVISION ANNUAL PROGRESS REPORT FOR 1965.
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ETUDE DES RESONANCES DE NEUTRONS POUR LES ISOTOPES DU BARYUM ET DU CUIVRE PAR LA METHODE DE TEMPS-DE-VOL A BASSE ENERGIE (0-15 KEV) (STUDY OF NEUTRON RESONANCES OF BARIUM AND COPPER ISOTOPES BY THE LOW ENERGY TIME-OF-FLIGHT METHOD (0-15 KEV),
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FIRST STEPS IN THE OXIDATION OF A (110) NICKEL SURFACE,
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A NEW TYPE OF CYCLIC TRANSITION METAL COMPLEX, (NI(SC2H5)2)6,
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NICKEL COMPOUNDS, MECHANICAL PROPERTIES
MECHANICAL CHARACTERISTICS OF POLYCRYSTALLINE NIO,
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IN AVIATION UNITS AND GARRISONS - HELICOPTER CREWS LEARN TO ADJUST FIRING,
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EVALUATION OF HIGH STRENGTH COLUMBIUM ALLOYS FOR ALKALI METAL CONTAINMENT FINAL REPORT, 25 JUL, 1962 - 15 DEC, 1964,
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NIOBIUM ALLOYS, HALL EFFECT
JOURNAL OF INORGANIC CHEMISTRY, 1958, VOL. 3, NO, 7 SELECTED ARTICLES,
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SUPERCONDUCTING ELECTROMAGNET OF NB3SN,
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NITRATES, COMPLEX COMPOUNDS
THE COMPLEX SALTS (CH3)4NI(NO3)4, (CH3)4NI(NO3)2 AND (CH3)4NBR(NO3)2,
AD-649 285 7B U67 10

NITRATES, DETONATIONS
SYMPATHETIC DETONATION OF AMMONIUM NITRATE AND AMMONIUM NITRATE-FUEL OIL,
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FURTHER STUDIES ON SYMPATHETIC DETONATION,
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AD-649 565 7D U67 10

NITRATES, FUEL ADDITIVES
INVESTIGATING THE EFFECTS OF CETANE IMPROVERS ON SPECIFICATION TEST REQUIREMENTS AND RELATED PROPERTIES OF DIESEL-TYPE FUELS,
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NITRATES, SOILS
THE DETERMINATION OF MINERAL NITROGEN IN SOIL WITH PARTICULAR REFERENCE TO NITRATE,
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NITROGEN ATOM
CHEMICAL REACTIVITY OF HYDROGEN, NITROGEN AND OXYGEN ATOMS AT TEMPERATURES BELOW 100 DEG K SEMIANNUAL REPORT, 1 JUL. - 31 DEC, 1966,
N67-20377 7B S05 09 HC$ 3.00 MF$ 0.65

NITROGEN OXIDES, SPECTRA(INFRARED)
FIRST- AND SECOND-OVERTONE INTENSITY MEASUREMENTS FOR CO AND NO,
AD-649 397 7D U67 10

NITROGEN, ABSORPTION
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AD-648 721 20F U67 10

NITROGEN, ENTHALPY
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AD-649 552 20M U67 10 HC$ 3.00 MF$ 0.65

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ROTATIONAL TEMPERATURE MEASUREMENT OF THE FLOW EXPANDING FROM A LOW DENSITY SONIC ORIFICE,
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NOISE INTENSITY
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N67-20352 9C S05 09 HC$ 3.00 MF$ 0.65

NOISE, JET PLANES
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NOISE, MEASUREMENT
STATUS REPORT NO, 10, 9 MAY-8 NOVEMBER 1966,
PR-174 337 8K U67 10 HC$ 3.00 MF$ 0.65

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NONLINEAR DIFFERENTIAL EQUATIONS, STABILITY
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NON-DESTRUCTIVE TESTING, DAMS
FIELD SONISCOPE TESTS OF CONCRETE, REPORT 3, TEN-YEAR SUMMARY OF RESULTS,
AD-649 314 13B U67 10 MF$ 0.65

NON-DESTRUCTIVE TESTING, PAVEMENTS
EVALUATION OF THE STIFFNESS OF INDIVIDUAL LAYERS IN A SPECIALLY DESIGNED PAVEMENT FACILITY FROM SURFACE DEFLECTIONS,
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A REPORT GUIDE TO ULTRASONIC TESTING LITERATURE, VOLUME III,
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NUCLEAR INDUSTRIAL APPLICATIONS, SYMPOSIA
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PB-174 222 18L U67 10 MF$ 0.65

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AD-649 195 7D U67 10

NUCLEAR MAGNETIC RESONANCE, FLUORINE COMPOUNDS
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AD-649 189 7C U67 10

NUCLEAR MAGNETIC RESONANCE, HALOGENATED HYDROCARBONS
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AD-648 963 7D U67 10

NUCLEAR MAGNETIC RESONANCE, POLYCYCLIC COMPOUNDS
NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY. CONFORMATIONAL EQUILIBRATIONS OF CIS-DECALINS,
AD-649 520 7C U67 10

NUCLEAR MAGNETIC RESONANCE, SCIENTIFIC RESEARCH
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FLEXIBILITY OF A DUAL-PURPOSE PLANT TURBINE WITH LOWERED DESIGN EXHAUST PRESSURE,
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THE GRAND CANYON CONTROVERSY -- 1967 FURTHER ECONOMIC COMPARISONS OF NUCLEAR ALTERNATIVES,
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WHAT THE PARSONS STUDY REALLY SAYS ABOUT NUCLEAR POWER ECONOMICS THE GRAND CANYON CONTROVERSY, ROUND,
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A PRELIMINARY INVESTIGATION OF LOW-TEMPERATURE, LIGHT WATER-COOLED AND MODERATED, SLIGHTLY-ENRICHED URANIUM METAL FUELED REACTORS FOR LARGE SINGLE-PURPOSE NUCLEAR DESALTING PLANTS,
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NUCLEAR REACTIONS, THEORY
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AD-649 133 20J U67 10

NUCLEAR REACTORS, NEUTRONS
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NUCLEAR REACTORS, PROGRAMMING(COMPUTERS)
XEKE A TWO-GROUP, TWO-DIMENSIONAL, MULTIREGIONAL COMPUTER CODE FOR EXAMINING FLUX STABILITY IN NUCLEAR REACTORS WITH 135 XE,
LA-3588 09B N21 07 HC$ 3.00 MF$ 0.65

NUCLEAR REACTORS, REACTOR CORES
STEP PROJECT,
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NUCLEAR REACTORS, REACTOR FUEL ELEMENTS
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NUCLEAR REACTORS, SHIELDING
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ETUDE DES RESONANCES DE NEUTRONS POUR LES ISOTOPES DU BARYUM ET DU CUIVRE PAR LA METHODE DE TEMPS-DE-VOL A BASSE ENERGIE (0-15 KEV) (STUDY OF NEUTRON RESONANCES OF BARIUM AND COPPER ISOTOPES BY THE LOW ENERGY TIME-OF-FLIGHT METHOD (0-15 KEV),
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AD-648 961 7D U67 10

NUCLEAR SPINS, PROTON SCATTERING
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NUCLEAR WARFARE, WAR POTENTIAL
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N-BODY PROBLEM, STABILITY
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AD-649 044 3C U67 10 HC$ 3.00 MF$ 0.65

N-HETEROCYCLIC COMPOUNDS, ENZYME INHIBITORS
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N-HETEROCYCLIC COMPOUNDS, FLUORESCENCE
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N-HETEROCYCLIC COMPOUNDS, ULTRAVIOLET SPECTROSCOPY
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AD-649 453 7C U67 10

OCEAN BOTTOM SAMPLING, MARINE GEOLOGY
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OCEAN BOTTOM TOPOGRAPHY, TIDES
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PB-174 383 8C U67 10 HC$ 3.00 MF$ 0.65

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OCEAN BOTTOM, DEPOSITS
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AD-649 191 8J U67 10

OCEAN BOTTOM, PRESSURE
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OCEAN BOTTOM, REFLECTION
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OCEAN BOTTOM, SEDIMENTARY ROCK
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AD-648 858 8C U67 10

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OCEAN CURRENTS, OCEANOLOGY
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OCEAN WAVES, STATISTICAL ANALYSIS
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OCEANOGRAPHIC DATA, BERMUDA
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OCEANOGRAPHIC DATA, STATISTICAL FUNCTIONS
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AD-649 430 8G U67 10

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OCEANOLOGY, STRATIGRAPHY
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AD-648 861 8J U67 10

OCEANOLOGY, THERMAL CONDUCTIVITY
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AD-649 098 11H U67 10 HC$ 3.00 MF$ 0.65

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THE SOLVOLYSIS OF ALKYL DIAZOTATES. I. PARTITION BETWEEN CARBONIUM IONS AND DIAZOALKANES IN AQUEOUS BASE,
AD-649 196 7C U67 10

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ORGANIC PHOSPHORUS COMPOUNDS, COMPLEX COMPOUNDS
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ORGANIC SULFUR COMPOUNDS, SPECTRA(INFRARED)
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CHELATE ADDUCTS CONTAINING A BIDENTATE ELECTRON-PAIR ACCEPTOR. 1,2-BIS(DIFLUOROBORYL)ETHANE.
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OXYFLUORIDES, INFRARED SPECTROSCOPY
SPECTRE INFRAROUGE DES OXYTETRAFLUORURES GAZEUX DE TUNGSTENE ET DE MOLYBDENE (INFRARED SPECTRUM OF GASEOUS TUNGSTEN AND MOLYBDENUM OXYTETRAFLUORIDES).
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THULIUM COMPOUNDS, PREPARATION
PREPARATION OF A PLUTONIUM-0.4 WT. PERCENT THULIUM ALLOY ON A MULTIKILOGRAM SCALE,
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THULIUM, SOLUBILITY
SOLUBILITIES OF SELECTED ELEMENTS IN LIQUID PLUTONIUM. X. THULIUM,
LA-3623 7D N21 07 HC$ 3.00 MF$ 0.65

THYRATRONS, HYDROGEN
PRODUCTION ENGINEERING MEASURE FOR A PHASE II SUPER POWER HYDROGEN THYRATRON TUBE,
AD-648 730 9A U67 10 HC$ 3.00 MF$ 0.65

THYROID GLAND, DISEASES
UPTAKE OF C14 INTO THE BRAIN AND OTHER TISSUES OF NORMAL AND DYSTHYROIDAL MALE RATS AFTER INJECTION OF C14-L-GLUTAMINE,
AD-648 844 6P U67 10

THYROID HORMONES, METABOLISM
THE EFFECT OF ABE ON THE UPTAKE AND DEGRADATION OF THYROID HORMONE BY THE BRAIN AND SKELETAL MUSCLE,
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TIDES, DETERMINATION
DETERMINATION OF TIDES IN THE REAL OCEANS.
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NUMERICAL TIMESTEPPING LAPLACE S EQUATIONS OF THE FREE TIDE.
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THE POLAR CAP ABSORPTION ON JULY 7-10, 1966.
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THEORY OF QUEUES APPLIED TO TIME-SHARED COMPUTER SYSTEMS,
AD-649 147 9B U67 10

TIME STUDIES, JOB ANALYSIS
RELIABILITY OF JOB RATINGS AS A FUNCTION OF TIME SPENT ON EVALUATION,
AD-648 804 5I U67 10

TIMING
RELIABILITY ANALYSIS OF TIMING CHANNEL CIRCUITS IN A STATIC INVERTER,
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TIN ALLOYS, NIOBIUM ALLOYS
SUPERCONDUCTING ELECTROMAGNET OF NB3SN,
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SPECTROGRAPHIC ANALYSIS OF TIN IN TIN-BEARING ORE,
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TITANATES, REACTOR FUELS
QUEHANNA PILOT PLANT FIRST GENERATION PROCESS OPERATIONS,
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TITANIUM ALLOY
STRESS CORROSION CRACKING OF TITANIUM ALLOYS AT AMBIENT TEMPERATURE IN AQUEOUS SOLUTIONS QUARTERLY PROGRESS REPORT, OCT. - DEC. 1966.
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TITANIUM ALLOYS, CRACK PROPAGATION
REPORT OF NRL PROGRESS,
PB-174 294 14B U67 10 HC$ 3.00 MF$ 0.65

TITANIUM ALLOYS, DEFORMATION
DEFORMATION AND THE ROLE OF THE TEMPERATURE FACTOR IN THE PROCESS OF CUTTING OF TITANIUM ALLOYS,
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TITANIUM ALLOYS, HALL EFFECT
JOURNAL OF INORGANIC CHEMISTRY, 1958, VOL. 3, NO. 7
SELECTED ARTICLES.
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TITANIUM ALLOYS, STRESS CORROSION
ANALYSIS OF STRESS-CORROSION CRACKING OF TI-6AL-4V FUEL TANK MATERIAL IN METHYL ALCOHOL.
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THE ANISOTROPY OF KNOOP HARDNESS IN UNALLOYED TITANIUM SHEET,
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TEMPERATURE DEPENDENCE OF J(FF) IN 2-FLUORO-ALPHA-CHLORO-ALPHA, ALPHA-DIFLUORO-TOLUENE AND 2-FLUORO-ALPHA, ALPHA-DICHLORO-ALPHA-FLUORO-TOLUENE.
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ETUDE DE LA STRUCTURE DE LA PARA-TOLUIDINE PAR LA DIFFRACTION DES RAYONS X ET DES NEUTRONS (THE STRUCTURE OF PARA-TOLUIDINE BY X-RAY AND NEUTRON DIFFRACTION).
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THE BLOCK-CUTPOINT-TREE OF A GRAPH,
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QUANTUM ELECTRODYNAMICS FROM THE POINT OF VIEW OF TOPOLOGICAL GROUPS,
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TOPOLOGY, TRANSFORMATIONS(MATHEMATICS)
ON RIGHT TRANSLATION IN TEICHMULLER S SPACE,
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A TORQUE MOTOR SERVOROTATOR FOR VESTIBULAR APPLICATION.
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RECOGNITION THRESHOLDS AND ACCURACY FOR DIFFERING BODY REGIONS AS A FUNCTION OF NUMBER OF ELECTRODES AND THEIR SPACING,
AD-649 318 5J U67 10

STIMULUS PARAMETER CONSIDERATIONS AND INDIVIDUAL DIFFERENCES IN CUTANEOUS SENSITIVITY TO ELECTROPULSE STIMULATION,
AD-649 319 5J U67 10

TOXIC TOLERANCES, VENOMS
DOSE -RESPONSE RELATIONSHIP OF CRUDE COBRA VENOM (NAJA JANA) IN THE DOG,

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TOXIC HAZARDS RESEARCH UNIT.
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HEALTH HAZARDS OF MILITARY CHEMICALS REPORTS PUBLISHED TO 1 FEBRUARY 1961.
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TOXINS + ANTITOXINS, BLOOD COAGULATION
EFFECTS OF STAPHYLOCOCCAL ENTEROTOXIN B ON THE COAGULATION MECHANISM AND LEUKOCYTIC RESPONSE IN BEAGLE DOGS - A PRELIMINARY STUDY.
AD-649 713 6E U67 10

TRACKING, PERFORMANCE(HUMAN)
METHODOLOGICAL STUDIES OF TRACKING BEHAVIOR THE EFFECT OF VARIOUS SUPPLEMENTAL INFORMATION FEEDBACKS.
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THE COMPUTATION OF AIR TRAJECTORIES.
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A TWO-VARIABLE ASYMPTOTIC SOLUTION FOR THREE - DIMENSIONAL, SOLAR-POWERED, LOW-THRUST TRAJECTORIES IN THE VICINITY OF THE ECLIPTIC PLANE.
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BEHAVIORAL ASSAY PROCEDURES FOR TRANSFER OF LEARNED BEHAVIOR BY BRAIN EXTRACTS.
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ELECTRON IN BOX THEORY FOR METAL ATOM CLUSTERS.
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MOLECULAR STRUCTURES OF ((C6H5)2PCOC5H5)2 AND ((C6H5)2PNIC5H5)2. AN ASSESSMENT OF THE INFLUENCE OF A METAL-METAL BOND ON THE MOLECULAR GEOMETRY OF AN ORGANO-METALLIC LIGAND-BRIDGED COMPLEX.
AD-648 894 7B U67 10

TRANSONIC FLOW
THE FLOW ABOUT A FAMILY OF SIMPLE, BLUNT AND SHARP LEADING-EDGED, TWO-DIMENSIONAL AEROFOILS AT TRANSONIC AND LOW SUPERSONIC SPEEDS.
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SOVIET RUSSIA SELECTED ARTICLES.
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EVALUATION OF INERTIAL NAVIGATION SYSTEM IN CIVIL AIR TRANSPORT OPERATIONS, VOLUME I, LN-12, INERTIAL NAVIGATION SYSTEM, BOOK I, DISCUSSION AND ANALYSIS.
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AIR GIANT EXPRESS.
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RESEARCH ON TRANSPORT AND TRANSFORMATION IN CONTINUA.
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THE CAPITAL S NEW AIRPORT.
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TECHNOLOGY FOR HIGH-SPEED GROUND TRANSPORT.
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ON THE RELIABILITY OF PHOTOGRAMMETRIC SURVEYS IN FOREST BELT AREAS.
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ATTITUDES OF TROOPS IN THE TROPICS.
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CRYSTAL-FIELD TERM SYMBOLS FOR ND(3+) IN CAWO4.
AD-649 199 20B U67 10

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GENERATION OF LONG TIME CREEP DATA OF REFRACTORY ALLOYS AT ELEVATED TEMPERATURES QUARTERLY REPORT, 26 JUL. - 26 SEP. 1966.
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TUNGSTEN COMPOUNDS, SPECTRA(INFRARED)
SPECTRE INFRAROUGE DES OXYTETRAFLUORURES GAZEUX DE TUNGSTENE ET DE MOLYBDENE (INFRARED SPECTRUM OF GASEOUS TUNGSTEN AND MOLYBDENUM OXYTETRAFLUORIDES).
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TUNGSTEN, THERMIONIC EMISSION
SELECTED ARTICLES.
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AN EXPERIMENTAL EVALUATION OF A TWO DIMENSIONAL TURNING PASSAGE AT M 38.0.
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FLEXIBILITY OF A DUAL-PURPOSE PLANT TURBINE WITH LOWERED DESIGN EXHAUST PRESSURE.
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INLET SENSITIVITY STUDY FOR A SUPERSONIC TRANSPORT.
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ANALYSIS OF TURBOJET AIRPLANE DRAG AND FUEL CONSUMPTION DATA.
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TURBULENCE, BUOYANCY
JETS AND PLUMES WITH NEGATIVE OR REVERSING BUOYANCY.
AD-649 169 20D U67 10

TURBULENT BOUNDARY LAYER
EXPERIMENTAL INVESTIGATION OF THE TURBULENT BOUNDARY LAYER AT A MACH NUMBER OF 6 WITH HEAT TRANSFER AT HIGH REYNOLDS NUMBERS.
N67-19886 20D S05 09 HC$ 3.00 MF$ 0.65

THE CALCULATION OF THREE-DIMENSIONAL TURBULENT BOUNDARY LAYERS, 2 - ATTACHMENT- LINE FLOW ON AN INFINITE SWEPT WING.
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TWO-BODY PROBLEM
SPACECRAFT ORBITS.
N67-20282 22C S05 09 HC$ 3.00 MF$ 0.65

TWO-DIMENSIONAL JET
SIMILARITY SOLUTION OF A JET FLOWING OVER A CURVED SURFACE.
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TWO-PHASE FLOW
METHOD FOR MEASURING VOID FRACTION BY ELECTROMAGNETIC FLOW METERS.

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STUDIES RELEVANT TO THE ELECTRIC VACUUM GYRO PROGRAM OF ELECTRICAL BREAKDOWN IN ULTRAHIGH VACUUM FINAL REPORT,
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RELATION BETWEEN THIRD-ORDER ELASTIC MODULI AND THE THERMAL ATTENUATION OF ULTRASONIC WAVES IN NONCONDUCTING AND METALLIC CRYSTALS,
AD-649 299 20A U67 10

ULTRASONIC RADIATION, NON-DESTRUCTIVE TESTING
A REPORT GUIDE TO ULTRASONIC TESTING LITERATURE, VOLUME III,
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ULTRASONICS
ULTRASONIC TEMPERATURE MEASURING DEVICE QUARTERLY PROGRESS REPORT,
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ULTRAVIOLET RADIATION
INVESTIGATION OF SPECTRAL PROPERTIES OF ULTRAVIOLET GRATINGS SEMIANNUAL STATUS REPORT, 1 SEP, 1966 - 28 FEB, 1967,
N67-19990 20F S05 09 HC$ 3.00 MF$ 0.65

ULTRAVIOLET RADIATION, ELECTRIC ARCS
HIGH PRESSURE CAPILLARY THALLIUM-AMALGAM ARC FOR USE IN ULTRAVIOLET,
AD-649 566 14B U67 10

ULTRAVIOLET RADIATION, NITROGEN
ABSORPTION BY ATOMIC NITROGEN IN THE EXTREME ULTRAVIOLET,
AD-648 721 20F U67 10

ULTRAVIOLET RADIATION, SPECTRUM ANALYZERS
PHOTOELECTRON EMISSION IN THE EXTREME ULTRAVIOLET REGION,
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ULTRAVIOLET SPECTROSCOPY, HYDROGEN
SELECTIVE ENHANCEMENT IN HYDROGENLIKE MOLECULES WITH THE RARE GASES, I, H2 WITH AR AND KR,
AD-649 396 7D U67 10

ULTRAVIOLET SPECTROSCOPY, N-HETEROCYCLIC COMPOUNDS
THE VACUUM ULTRAVIOLET SPECTRA OF PYRAZINE, PYRIMIDINE, AND PYRIDAZINE VAPORS, PART I, SPECTRA BETWEEN 1550 A AND 2000 A,
AD-649 453 7C U67 10

ULTRAVIOLET SPECTROSCOPY, SOLAR SPECTRUM
METHOD OF CORRECTION FOR INSTRUMENTAL ASTIGMATISM TO DETERMINE THE CENTER-TO-LIMB VARIATION OF THE SOLAR ULTRAVIOLET CONTINUUM,
AD-648 949 3B U67 10

UNDERWATER EQUIPMENT, OPTICAL INSTRUMENTS
SUBMERSIBLE SPECTRORADIOMETER,
AD-649 947 14B U67 10

UNDERWATER EQUIPMENT, RED SEA
RESULTS OF A REGIONAL SURVEY IN THE CASPIAN SEA WITH UNDERWATER GRAVIMETERS,
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UNDERWATER SOUND EQUIPMENT, SPEECH TRANSMISSION
SPEECH INTELLIGIBILITY OF THE BENDIX WATERCOM SYSTEM,
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A DIVER COMMUNICATION RESEARCH SYSTEM (DICORS),
AD-648 939 17B U67 10 HC$ 3.00 MF$ 0.65

UNDERWATER SOUND SIGNALS, DISTORTION
SIGNAL-WAVEFORM DISTORTION CAUSED BY REFLECTION OFF LOSSY-LAYERED BOTTOMS,
AD-649 876 20A U67 10

UNDERWATER SOUND, BACKSCATTERING
AN ANALYSIS OF UNDERWATER ACOUSTIC BACKSCATTERING,
AD-648 825 20A U67 10 HC$ 3.00 MF$ 0.65

UNDERWATER, STRUCTURAL SHELLS
BEHAVIOR OF SPHERICAL CONCRETE HULLS UNDER HYDROSTATIC LOADING, PART I, EXPLORATORY INVESTIGATION,
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UNITED STATES GOVERNMENT, FOREIGN POLICY
LORD RUSSELL S WAR CRIMES TRIBUNAL,
AD-649 322 5D U67 10 HC$ 3.00 MF$ 0.65

UNSTEADY FLOW
THE UNSTEADY FORCES ON FINITE WINGS IN TRANSIENT MOTION,
N67-20383 20D S05 09 HC$ 3.00 MF$ 0.65

A SURVEY OF UNSTEADY HYPERSONIC FLOW PROBLEMS,
N67-20388 20D S05 09 HC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE
AN O RESONANT SPECTRUM FOR UPPER ATMOSPHERE TEMPERATURE DETERMINATION,
N67-19648 4A S05 09 HC$ 3.00 MF$ 0.65

CHARGED PARTICLE TEMPERATURES AND ELECTRON THERMAL CONDUCTIVITY IN THE UPPER ATMOSPHERE,
N67-19997 4A S05 09 HC$ 3.00 MF$ 0.65

HIGH LATITUDE NIGHT SKY EMISSIONS,
N67-20284 4A S05 09 HC$ 3.00 MF$ 0.65

ARTIFICIAL STRONTIUM AND BARIUM CLOUDS IN THE UPPER ATMOSPHERE,
N67-20299 4A S05 09 HC$ 3.00 MF$ 0.65

IONOSPHERIC DATA FOR FEBRUARY 1966 FROM WOOMERA, SOUTH AUSTRALIA,
N67-20304 4A S05 09 HC$ 3.00 MF$ 0.65

UPPER ATMOSPHERE, OXYGEN
UPPER ATMOSPHERE O-ATOM DENSITIES BY WIND TUNNEL SIMULATION OF NITRIC OXIDE RELEASES,
AD-649 179 4A U67 10

URANIUM ALLOYS, CARBON ALLOYS
LE DOSAGE RAPIDE DU CARBONE TOTAL DANS LES ALLIAGES URANIUM-CARBONE (THE RAPID DETERMINATION OF CARBON IN THE URANIUM-CARBON ALLOYS),
PB-174 371 11F U67 10 HC$ 3.00 MF$ 0.65

URANIUM ALLOYS, METALLOGRAPHY
SIMPLIFIED METALLOGRAPHIC TECHNIQUES FOR URANIUM ALLOYS AND OTHER METALS,
RFP-842 11F N21 07 HC$ 3.00 MF$ 0.65

URANIUM COMPOUND
THERMODYNAMIC STUDY ON URANIUM TRICHLORIDE DISSOLVED IN MOLTEN ALKALINE CHLORIDES,
N67-20338 18J S05 09 HC$ 3.00 MF$ 0.65

URANIUM COMPOUNDS, FLUORIDES
LABORATORY INVESTIGATIONS IN SUPPORT OF FLUID-BED FLUORIDE VOLATILITY PROCESSES, PART XII, THE MELTING-POINT DIAGRAM FOR THE SYSTEM URANIUM HEXAFLUORIDE-PLUTONIUM HEXAFLUORIDE,
ANL-7234 7D N21 07 HC$ 3.00 MF$ 0.65

THE MOLAL FREEZING POINT DEPRESSION CURVE OF URANIUM HEXAFLUORIDE AND ITS APPLICATION TO A METHOD OF ANALYSIS,
K-1667 7D N21 07 HC$ 3.00 MF$ 0.65

URANIUM COMPOUNDS, MASS SPECTROSCOPY
LIGNE D INTRODUCTION POUR SPECTROMETRE DE MASSE APPLICATION A L ANALYSE DES IMPURETES CONTENUES DAN L HEXAFLUORURE D URANIUM (MASS SPECTROMETER INTRODUCTION LINE - APPLICATION TO THE ANALYSIS OF IMPURITIES IN URANIUM HEXAFLUORIDE,
PB-174 366 18D U67 10 HC$ 3.00 MF$ 0.65

URANIUM COMPOUNDS, OXIDES
APPLICATION DE LA POLAROGRAPHIE A LA DETERMINATION DE LA COMPOSITION D OXYDES D URANIUM (POLAROGRAPHY APPLIED TO THE DETERMINATION OF URANIUM OXIDE COMPOSITION),
PB-174 374 7D U67 10 HC$ 3.00 MF$ 0.65

URANIUM, ELECTROLYTIC POLISHING
NONAQUEOUS ELECTROPOLISHING BATH FOR URANIUM,
RFP-816 11F N21 07 HC$ 3.00 MF$ 0.65

URANIUM, OCEAN BOTTOM
LEAD ISOTOPES AND URANIUM CONTENTS IN EXPERIMENTAL HOHOLE CORES (GUADALUPE SITE),
AD-648 998 8D U67 10

URANIUM, POWDER METALLURGY
CONTRIBUTION A L ETUDE DES MECANISMES DE FRITTAGE DE POUDRE D URANIUM EN PHASES ALPHA, BETA ET GAMMA (CONTRIBUTION TO THE STUDY OF THE SINTERING MECHANISMS OF URANIUM POWDERS IN THE ALPHA, BETA, AND GAMMA PHASES),
PB-174 357 13H U67 10 HC$ 3.00 MF$ 0.65

URANIUM, RADIOACTIVE ISOTOPES
TABULATION OF THE TOTAL NEUTRON CROSS SECTION OF 232 U,
IN-1315 20H N21 07 HC$ 3.00 MF$ 0.65

URANIUM, RESISTANCE(ELECTRICAL)
QUARTERLY PROGRESS SUMMARY ON URANIUM FABRICATION, JANUARY-MARCH 1965,
RMI-5 18J N21 07 HC$ 3.00 MF$ 0.65

URANIUM, SOLUTIONS
LES TITRAGES SPECTROPHOTOMETRIQUES, APPLICATION A LA DETERMINATION DE QUELQUES ELEMENTS DANS LES SOLUTIONS D URANIUM (SPECTROPHOTOMETRIC TITRATIONS, APPLICATION TO THE DETERMINATION OF SOME ELEMENTS IN URANIUM SOLUTIONS),
PB-174 367 7B U67 10 HC$ 3.00 MF$ 0.65

UREA, ELECTROPHYSIOLOGY
HYPERTONIC UREA ITS EFFECTS ON CORTICAL AND SUBCORTICAL EVOKED POTENTIALS IN CAT,
AD-649 388 6P U67 10

USSR, TERRESTRIAL MAGNETISM
NEW DATA ON THE PALEOZOIC HISTORY OF THE GEOMAGNETIC FIELD IN THE USSR DIPOLE CHARACTER OF THE GEOMAGNETIC FIELD IN THE LATE CAMBRIAN AND THE ORDOVICIAN IN THE SOUTH OF THE SIBERIAN PLATFORM,
AD-649 532 8N U67 10 HC$ 3.00 MF$ 0.65

VACUUM EQUIPMENT
STUDIES RELEVANT TO THE ELECTRIC VACUUM GYRO PROGRAM OF ELECTRICAL BREAKDOWN IN ULTRAHIGH VACUUM FINAL REPORT,
N67-19949 17G S05 09 HC$ 3.00 MF$ 0.65

VALVES, BRONZE
HYDROSTATIC TESTS OF LOW-PRESSURE BRONZE VALVES AND FITTINGS, NS 123-812,
AD-649 194 13K U67 10 HC$ 3.00 MF$ 0.65

VAN ALLEN RADIATION BELT, CHARGED PARTICLES
EXPLORER 12 OBSERVATIONS OF CHARGED PARTICLES IN THE INNER RADIATION ZONE,
AD-649 488 4A U67 10

VAN ALLEN RADIATION BELT, PROTONS

MEASUREMENTS OF 1/2 TO 4 MEV TRAPPED PROTONS IN THE EQUATORIAL MAGNETOSPHERE.
AD-648 724 4A U67 10

VAN ALLEN RADIATION BELT, RADIATION MEASUREMENT SYSTEMS
OBSERVATIONS OF INNER AND OUTER ZONE ELECTRONS SINCE DECEMBER 1965.
AD-649 139 4A U67 10 HC$ 3.00 MF$ 0.65

VANADIUM ALLOYS, REACTOR MATERIALS
ETUDES PRELIMINAIRES SUR LES ALLIAGES A BASE DE VANADIUM ENVISAGES POUR LA FABRICATION DE GAINES DE REACTEURS RAPIDES (PRELIMINARY STUDY OF VANADIUM-BASED ALLOYS INTENDED FOR USE IN FAST-REACTOR CANS).
PB-174 370 11F U67 10 HC$ 3.00 MF$ 0.65

VAPORIZATION, DROPS
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MICROPROBE AND MAGNETIC CHARACTERIZATION OF SOME SINGLE CRYSTAL HEXAGONAL FERRITES,
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DISTRICT OF COLUMBIA DEPT. OF HIGHWAYS, WASHINGTON, MATERIALS DEVELOPMENTS AND RESEARCH DIV,
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DIVISION OF INDUSTRIAL PARTICIPATION (AEC), WASHINGTON, D. C.
THE NUCLEAR INDUSTRY,
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DIVISION OF TECHNICAL INFORMATION EXTENSION (AEC), OAK RIDGE, TENN.
RADIOBIOLOGY, VOL. 5, NO. 6, 1965,
AEC-TR-6603 6R N21 67 HC$ 3.00 MF$ 0.65

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DOUGLAS AIRCRAFT CO., INC., NEWPORT BEACH, CALIF. ASTROPOWER LAB,
STRESS CORROSION CRACKING OF TITANIUM ALLOYS AT AMBIENT TEMPERATURE IN AQUEOUS SOLUTIONS QUARTERLY PROGRESS REPORT, OCT. - DEC. 1966,
N67-19416 11F S05 09 HC$ 3.00 MF$ 0.65

DOUGLAS AIRCRAFT CO., INC., SANTA MONICA, CALIF. MISSILE AND SPACE SYSTEMS DIV,
REPORT ON THE DEVELOPMENT OF THE MANNED ORBITAL RESEARCH LABORATORY (MORL) SYSTEM UTILIZATION POTENTIAL, TASK AREA IV - MORL SYSTEM IMPROVEMENT STUDY, BOOK 2,
N67-19858 6K S05 09 HC$ 3.00 MF$ 0.65

REPORT ON THE DEVELOPMENT OF THE MANNED ORBITAL RESEARCH LABORATORY (MORL) SYSTEM UTILIZATION POTENTIAL, TASK AREA IV - MORL SYSTEM IMPROVEMENT STUDY, BOOK 3,
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STUDY OF PARTICLES COLLECTED BY THE 1965 LUSTER ROCKET,
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REPORT ON THE DEVELOPMENT OF THE MANNED ORBITAL RESEARCH LABORATORY (MORL) SYSTEM UTILIZATION POTENTIAL. TASK AREA IV - MORL SYSTEM IMPROVEMENT STUDY, BOOK 5, VOLUME 1.
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BIOCHEMICAL ELECTRON MICROSCOPY PROMISE AND LIMITATIONS,
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AD-648 737 6A U67 10

CYTOCHEMICAL TIMING OF ULTRASTRUCTURAL EVENTS FORMATION OF BACTERIAL FLAGELLA STUDIES BY IMMUNOURANIUM TECHNIQUE,
AD-648 740 6M U67 10

POST-EMBEDDING STAINING FOR ELECTRON MICROSCOPY WITH FERRITIN-ANTIBODY CONJUGATES,
AD-648 814 6A U67 10

FORMATION OF VACCINIA ANTIGEN STUDIES BY IMMUNOURANIUM AND IMMUNNO-DIAZOTHIOETHER-OSMIUM TETROXIDE TECHNIQUES,
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A COMMENTARY ON POLYETHYLENE CRYSTALS PREPARED UNDER HIGH PRESSURES AND HIGH TEMPERATURES,
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18J N21 07 HC$ 3.00 MF$ 0.65

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8C U67 10

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CONTRACT DA-31-124-ARO(D)-243
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18I U67 10 HC$ 3.00 MF$ 0.65
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LA-3622
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LR-15
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MCL-106/V
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MCL-107/III
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AD=649 454
MCL-111/V
AD=649 452
MCL-113/III
AD=649 449
MCL-118/V
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MCL-120/III
AD=649 451
MCL-121/V
AD=649 457
MCL-122/III
AD=649 437
MCL-125/I
AD=649 439
MCL-135/III
AD=649 440
MCL-13/III
AD=649 224
MCL-153/1
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MCL-155/V
AD=649 448
MCL-168/V
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MCL-169/V
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MCL-174/III
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MCL-175/III
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MCL-194/V
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MCL-195/III
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AD=649 481
MCL-19/V
AD=649 356
MCL-201/1
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MCL-205/1
AD=649 479
MCL-206/1
AD=649 478
MCL-210/1
AD=649 477
MCL-214/III
AD=649 476
MCL-216/III
AD=649 475
MCL-21/V
AD=649 357
MCL-220/III
AD=649 474
MCL-221/III
AD=649 473
MCL-22/V
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MCL-23/V
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MCL-246/I
AD=649 470
MCL-24/V
AD=649 230
MCL-250/V
AD=649 493
MCL-251/III
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MCL-271/I
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MCL-295/V
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MCL-340/III
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MCL-350/III
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9A U67 10 HC$ 3.00 MF$ 0.65
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1C U67 10 MF$ 0.65
1C U67 10 HC$ 3.00 MF$ 0.65
1C U67 10 HC$ 3.00 MF$ 0.65
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1C U67 10 HC$ 3.00 MF$ 0.65
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5C U67 10 HC$ 3.00 MF$ 0.65
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20I U67 10 HC$ 3.00 MF$ 0.65
20I U67 10 HC$ 3.00 MF$ 0.65
20I U67 10 HC$ 3.00 MF$ 0.65
20G U67 10 HC$ 3.00 MF$ 0.65
6S U67 10 MF$ 0.65
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1C U67 10 HC$ 3.00 MF$ 0.65
1C U67 10 HC$ 3.00 MF$ 0.65
13C U67 10 HC$ 3.00 MF$ 0.65

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MCL-378/2
AD-649 496 — 1C U67 10 HC$ 3.00 MF$ 0.65
MCL-380/1
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MCL-383/1
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AD-649 499 — 11I U67 10 HC$ 3.00 MF$ 0.65
MCL-38/V
AD-649 360 — 13H U67 10 HC$ 3.00 MF$ 0.65
MCL-390/V
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MCL-393/V
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MCL-406/V
AD-649 484 — 13H U67 10 HC$ 3.00 MF$ 0.65
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MCL-41/III
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MCL-520/III
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MCL-575/III
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MCL-576/III
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MCL-63/V
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MCL-67
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MCL-6/III
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MCL-718
AD-649 122 — 22B U67 10 HC$ 3.00 MF$ 0.65
MCL-77/III
AD-649 228 — 3R U67 10 HC$ 3.00 MF$ 0.65
MCL-8/V
AD-649 354 — 20C U67 10 HC$ 3.00 MF$ 0.65
MDR=4
PB-174 386 — 13H U67 10 HC$ 3.00 MF$ 0.65
MEL-13/67
AD-649 137 — 11F U67 10 HC$ 3.00 MF$ 0.65
MEL-221/66
AD-649 577 — 13K U67 10 HC$ 3.00 MF$ 0.65
MEL-38/67
AD-648 973 — 13I U67 10 HC$ 3.00 MF$ 0.65
MEL-391/66
AD-649 578 — 14B U67 10 HC$ 3.00 MF$ 0.65
MEL-55/67
AD-649 067 — 13G U67 10 HC$ 3.00 MF$ 0.65
MET-20/66
PB-174 371 — 11F U67 10 HC$ 3.00 MF$ 0.65
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AD-649 355 — 20K U67 10 HC$ 3.00 MF$ 0.65; 6R N21 07 HC$ 3.00 MF$ 0.65; 18R N21 07 HC$ 3.00 MF$ 0.65; 6R N21 07 HC$ 3.00 MF$ 0.65; 18R N21 07 HC$ 3.00 MF$ 0.65
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MND-3062-22 — 12A U67 10 HC$ 3.00 MF$ 0.65
MPI-PAE/EXTRATERR.-34/66
N67-20299 — 12A U67 10 HC$ 3.00 MF$ 0.65
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MRC-TSR-704
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MRC-TSR-712
AD-649 078 — 12A U67 10 HC$ 3.00 MF$ 0.65
MRC-TSR-714
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MRC-TSR-716
AD-649 126 — 12A U67 10 HC$ 3.00 MF$ 0.65
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AD-649 894 — 8W U67 10
MS-1404 — 9A U67 10
AD-649 184 — 3B U67 10
MS-1697
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MS-1719
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NAA-SR-12242 — 13H U67 10 HC$ 3.00 MF$ 0.65
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NAEC-AML-2593
AD-649 349 — 6L S05 09 HC$ 3.00 MF$ 0.65
NAEC-ASL-1094-VOL-4
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NAHC-AML-1236
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NAMI-971
AD-648 876 — 22A U67 10 HC$ 3.00 MF$ 0.65
NAMI-979
N67-19479 — 6C U67 10
NAMI-984
AD-648 875 — 6C U67 10
NAMI-987
N67-20341 — 6E U67 10
NAMI-990
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AD-649 209 — 22C S05 09 HC$ 3.00 MF$ 0.65
NAMRU-2-TR-259
AD-649 206 — 22A S05 09 HC$ 3.00 MF$ 0.65
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N67-20162 — 22B S05 09 HC$ 3.00 MF$ 0.65
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N67-19913 — 10B S05 09 HC$ 3.00 MF$ 0.65
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NASA-CR-80016
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NASA-CR-80112
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N67-19389 — 22C S05 09 HC$ 3.00 MF$ 0.65
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N67-19479 — 6B S05 09 HC$ 3.00 MF$ 0.65
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NASA-CR-82838
N67-19581 — 21B S05 09 HC$ 3.00 MF$ 0.65
NASA-CR-82856
N67-20293 — 17B S05 09 HC$ 3.00 MF$ 0.65
NASA-CR-82857
N67-20291
NASA-CR-82876
N67-20172
NASA-CR-82878
N67-20169
NASA-CR-82879
N67-20164

NAS-NDL

NASA-CR-82912
N67-19917 22B S05 09 HC$ 3.00 MF$ 0.65
NASA-CR-82913
N67-19916 22C S05 09 HC$ 3.00 MF$ 0.65
NASA-CR-82914
N67-19911 9B S05 09 HC$ 3.00 MF$ 0.65
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NASA-CR-82922
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NAS-NRC-PUB-1462
AD-649 858 11I U67 10 MF$ 0.65
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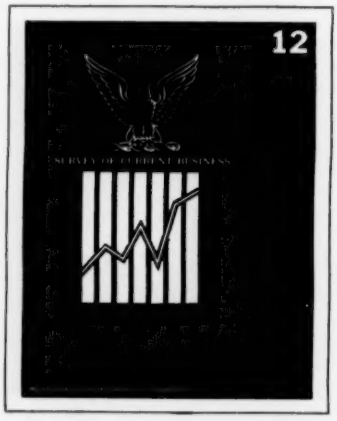

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